


- # NOTES
1. See Standard Plan J-1b for anchor bolt, slip base, fixed base, and anchor bolt orientation details not shown.
  2. Strap templates shall be held in place by nuts and a 4"x 3/8" square washer, 6" from the top of the foundation and 3" from the bottom of the anchor bolts. The square washer shall be placed between the bottom nut and the strap template. 12 nuts and 6 washers required per fdn.
  3. These foundations are designed for a minimum of 1,500 PSF allowable lateral bearing pressure for the soil. A special foundation shall be required for soil with lower allowable lateral bearing pressure than 1,500 PSF.
  4. These foundations are designed for installation on level ground, or on sloping ground not to exceed 2:1. Slopes steeper than 2:1 require a special design.
  5. Slip bases are not required on poles outside of the Design Clear Zone, nor on poles installed behind traffic barrier at an offset which exceeds the deflection distance of the barrier system.
  6. Light standard pole height shall not exceed 50'.
  7. Installation of 50' pole with double mast arms on a slip base is not allowed.
  8. For installation of a 50' pole with 12'-0" max. double mast arms on a fixed base, the foundation shall be 8'-0" deep; for anchor bolts see Standard Plan J-1b.
  9. For foundations within the Design Clear Zone, the slip base shall be within 4" above the ground surface.
  10. See Std. Plan C-8b for base plate and foundation requirements when light standards are mounted on conc. barrier.
  11. Foundation constructed within Ecology Embankments shall be increased in depth by the depth of the Ecology Embankment.



**FOUNDATION REINFORCEMENT AND BACKFILL DETAIL**  
CONCRETE CAST INSIDE CORRUGATED METAL PIPE STAY-IN-PLACE FORM.  
PAPER OR CARDBOARD FORM SHALL NOT BE USED BENEATH THE GROUND SURFACE. 

**ALTERNATE # 2**  
N.T.S.

FILE NAME LightStandardFoundationPlan										<div> Washington State Department of Transportation</div>										PLOT 1									
TIME 10:30:34 AM						REGION NO. STATE		FED.AID PROJ.NO.																					
DATE 2/8/2006						10 WASH		LOCATION NO.																					
PLOTTED BY suj kam						JOB NUMBER																							
DESIGNED BY																													
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CHECKED BY						CONTRACT NO.																							
PROJ. ENGR.																													
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